

Usutu Virus in Bats, Germany, 2013

Technical Appendix

Technical Appendix Table. Primers used for the full-length amplification of Usutu virus

Name	Primer sequence	Position	Length
USUV_GF	5'-AGWYGTTSYCTGYGTGAGC-3'	1-740	740
USUV_731R*	5'-CGCTTCGAGTGTCTGGTTCT-3'		
USUV_8F	5'-CGTCTGCGTGAGCTCTACTACTTA-3'	8-400	393
USUV_400R	5'-TTTTTGTGCCCGATTGTT-3'		
USUV_52F	5'-TGAGATTAACACAGTGCCGG-3'	52-832	781
USUV_832R	5'-ATCTCGAAGCCTTGGTTGAG-3'		
USUV_712F	5'-AGGTGCACAAGAACCAGACA-3'	712-1727	1016
USUV_1727R	5'-GATTGCTTTGTGGCATGGGG-3'		
USUV_1560F	5'-GTTGAACACCGAGGCATACTACAT-3'	1560-2461	902
USUV_2434R	5'-TGGCGAGAAAGAGGAGCAC-3'		
USUV_2356F	5'-CAGGGTCTAATGGGAGCTCT-3'	2356-3320	965
USUV_3320R	5'-CCTGGGCAATAGTCAAAGTC-3'		
USUV_3241F	5'-CGGCGTGAAGGTTACAAAGT-3'	3241-4160	920
USUV_4160R	5'-GAGAAGTGCCTGTTGATGT-3'		
USUV_3776F	5'-CCTTCAAATTCACCAGGC-3'	3776-4778	1001
USUV_4778R	5'-ATAGCTGCCCTCTTGTGGT-3'		
USUV_4541F	5'-GGACACCATGGGCAATAATACCT-3'	4541-5872	1332
USUV_5872R	5'-CTCTGCTGGCCCCAAAGTTCCG-3'		
USUV_5669F	5'-ACACCGGGAAAACAGTCTGG-3'	5669-6802	1134
USUV_6802R	5'-TGAGCAGAGCCAGCAATARR-3'		
USUV_6661F	5'-GTTTTCTTGCTCCTCGTTCA-3'	6661-7457	797
USUV_7457R	5'-CCAATCAGTAAAATCTGGCC-3'		
USUV_7368F	5'-GGTAGATGGTTTGGTGGCTA-3'	7368-8160	793
USUV_8160R	5'-TTGTTCTTCCACCTCAGCAC-3'		
USUV_8038F	5'-TATGGCTGGAACCTTGTACAC-3'	8038-9057	1020
USUV_9057R	5'-CCCCATCATGTTGTAATGC-3'		
USUV_8987F	5'-AAATGGTGGACGAAGAAAGG-3'	8987-9865	879
USUV_9865R	5'-TCCTCCGTCCTTCATGATC-3'		
USUV_9643F	5'-GAGAACCGGAGAAGAAAGGGT-3'	9643-10823	1181
USUV_10823R	5'-AACAGTTCGCATCACCGTCT-3'		
USUV_10673F	5'-GGGACCCTGCCTATTGG-3'	10673-11027	355
USUV_11027R	5'-GCGCTCTGTGCCTTGTGGTTGAT-3'		
USUV_ADF	5'-GAAAGCCCCTCAGAACCGTTTC-3'	10646-11066	420
USUV_11014R*	5'-AGATCCTGTGKTCTWSYYCMCCAYCAG-3'		

*Nucleotide positions are according to the Vienna strain genome (GenBank accession no. AY453411) (1).

Reference

1. Bakonyi T, Gould EA, Kolodziejek J, Weissenböck H, Nowotny N. Complete genome analysis and molecular characterization of Usutu virus that emerged in Austria in 2001: comparison with the South African strain SAAR-1776 and other flaviviruses. *Virology*. 2004;328:301–10. **PMID: 15464850**